

OPTION ENHANCED REMOTE CONTROL

This option gives users full remote control of the unit via TCP/IP Sockets to allow any aspect of the unit to be modified or queried.

This allows quite complex applications to be created to perform test and measurement functions such as automated testing of routers or other broadcast equipment.

PHABRIX products act as a server and listen on a port waiting for incoming requests from clients such as a PC. Using this method of communication the Sx range can provide a variety of information to the control device it is connected to and be controlled in specified areas of the product using the command details included.

All visual controls on the product have an associated command. Messages may be sent to 'set' or 'get' data from a command i.e. if you 'set' a value the unit will be configured accordingly and a reply returned and if you 'get' a value from the PHABRIX unit it will reply with that value. All messages are acknowledged to increase the security of the interface i.e. closed loop communication.

Units in Monitor	Event	Unit	IP Addr	Type	Date/Time	Message
1	Phabrix	192.168.0.14	1	CRCH OK	2004-2009 25:27:20	Input Sd: Absent
2	Phabrix	192.168.0.14	1	CRCH OK	2004-2009 25:27:21	Input Sd: 300000
3	Phabrix	192.168.0.14	1	CRCH OK	2004-2009 25:27:22	CRCH OK
4	Phabrix	192.168.0.14	1	CRCH OK	2004-2009 25:27:23	CRCH OK
5	Phabrix	192.168.0.14	1	CRCH OK	2004-2009 25:27:23	CRCH OK
6	Phabrix	192.168.0.14	1	CRCH OK	2004-2009 25:27:23	CRCH OK
7	Phabrix	192.168.0.14	1	CRCH OK	2004-2009 25:27:23	CRCH OK
8	Phabrix	192.168.0.14	1	CRCH OK	2004-2009 25:27:23	CRCH OK
9	Phabrix	192.168.0.14	1	CRCH OK	2004-2009 25:27:23	CRCH OK
10	Phabrix	192.168.0.14	1	CRCH OK	2004-2009 25:27:23	CRCH OK

System logger screen: Multiple units can be logged and sorted by Date/Time, User, Unit, IP Address or Type.

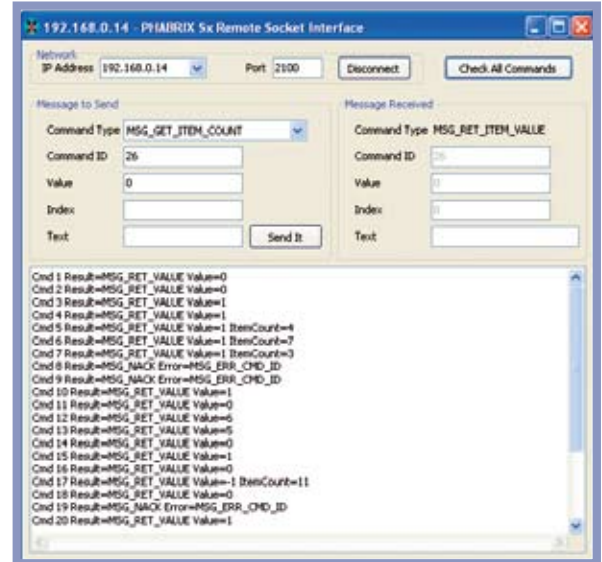
The control structure can be selected as Passive or Active.

Passive control allows simple remote control where the host PC is in control and sends commands when it wants to change data or get information. It is this method which is the most popular use for remote control.

Active control is when the PHABRIX unit synchronizes with the host PC. Any changes on the PHABRIX unit will result in a message being sent to the host PC. This method is useful for controlling a PHABRIX unit from another unit or via the PC simulator software. It requires more complex software on the host to respond to the returned messages.

The option provides a programming guide with command information and examples on a CD. A Windows™ application for testing the interface is also provided as part of this option.

Option code **PHSXOR**



Remote control interface

FEATURE HIGHLIGHTS

- TCP/IP SOCKETS PROTOCOL
- ACTIVE/PASSIVE CONTROL
- 'SET' AND 'GET' COMMAND
- PROGRAMMING GUIDE

APPLICATIONS

- R&D/TEST DEPARTMENTS
- SYSTEM INTEGRATORS
- SUPPORT ENGINEERS

AVAILABLE FOR

- PHABRIX® SxA
- PHABRIX® SxD
- PHABRIX® SxE
- PHABRIX® Rx